

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				

MITCHELL (IA-Z008), HOWARD (IA-Z009), WINNESHIEK (IA-Z010), ALLAMAKEE (IA-Z011), FLOYD (IA-Z018), CHICKASAW (IA-Z019)

03/01/07 13:00 CST	0	Winter Storm
03/02/07 18:00 CST	0	

Within a week of being hit by the powerful winter storm of February 23 to 25, another winter storm affected northeast Iowa on March 1 and 2. This storm produced snow accumulations of 6 to 10 inches. Specific reports included 10.0 inches near McIntire(Howard County), 8.5 inches at Spillville (Winneshiek) and 8.0 inches at New Hampton (Chickasaw County). Strong northwest winds caused considerable blowing and drifting snow, which resulted in the closure of several roads.

MITCHELL COUNTY

1.4 S ST ANSGAR	03/21/07 19:55 CST	0	Hail (0.75 in)
	03/21/07 19:55 CST	0	43.36N, 92.93W

WINNESHIEK COUNTY

0.9 NE DECORAH	03/21/07 21:04 CST	0	Hail (0.75 in)
	03/21/07 21:04 CST	0	43.31N, 91.79W

Penny size hail was reported by storm spotters and law enforcement officials.

FAYETTE COUNTY

0.7 N FAIRBANK	03/31/07 14:32 CST	0	Hail (0.75 in)
	03/31/07 14:32 CST	0	42.64N, 92.05W

FAYETTE COUNTY

2.0 NW OELWEIN	03/31/07 15:58 CST	10K	Tornado (EF0, L: 0.25 mi , W: 75 yd)
	03/31/07 15:59 CST	0	42.7004N, 91.9278W

A tornado touched down briefly on a farm near Oelwein, destroying a 100 year old barn. A garage, machine shed, windmill and a few trees were damaged. No injuries were reported, although upstairs windows in the farm house were blown out.

CLAYTON COUNTY

0.5 W STRAWBERRY PT	03/31/07 16:20 CST	30K	Thunderstorm Wind (EG 55 kt)
	03/31/07 16:20 CST	0	42.68N, 91.54W

FAYETTE COUNTY

2.1 SSW ALBANY	03/31/07 16:25 CST	0	Hail (1.00 in)
	03/31/07 16:25 CST	0	42.84N, 91.76W

CLAYTON COUNTY

6.0 E EDGEWOOD	03/31/07 16:37 CST	40K	Tornado (EF1, L: 4.00 mi , W: 200 yd)
4.0 S GARBER	03/31/07 16:41 CST	0	42.67N, 91.312W ~ 42.6722N, 91.27W

A tornado, that originally started in Delaware County, Iowa, moved into Clayton County east of Edgewood, and continued northward toward Garber before lifting. This tornado hit a farm and destroyed a machine shed and snapped off trees. Debris was blown into a nearby field, which included boards being stabbed into the ground.

The first two tornadoes of 2007 in northeast Iowa hit a couple of farms, damaging buildings and trees. In addition, the public and law enforcement officials reported hail the size of quarters, along with thunderstorm wind gusts estimated between 60 to 65 mph.

MINNESOTA, Southeast

WABASHA (MN-Z079), DODGE (MN-Z086), OLMSTED (MN-Z087), WINONA (MN-Z088), MOWER (MN-Z094), FILLMORE (MN-Z095), HOUSTON (MN-Z096)

03/01/07 00:00 CST	0	Winter Storm
03/02/07 18:00 CST	0	

The second in a series of powerful winter storms that hit southeast Minnesota in late February continued through March 1 and 2. Total snow accumulations ranged between 6 and 12 inches. Specific reports included 11.5 inches at Claremont (Dodge County), 11.2 inches at

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Byron (Olmsted County) and 11.1 inches at Oronoco (Olmsted County). This snowfall combined with the previous storm produced snow depths of up to two and a half feet. Strong northwest winds caused considerable blowing and drifting snow, which resulted in the closure of several roads. In addition to the heavy snow, ice accumulations of 1/8 inch to 1/4 inch affected areas near the Mississippi River from Wabasha (Wabasha County) to Winona (Winona County).				

WABASHA COUNTY

ZUMBRO FALLS	03/14/07 06:30 CST	0	Flood (due to Heavy Rain / Snow Melt)
	03/15/07 01:00 CST	0	44.28N, 92.43W

Rapid snow melt caused the Zumbro River at Zumbro Falls (Wabasha County) to reach a crest of 20.11 feet, which was a little over two feet above flood stage. A few roads were closed due to high water.

WISCONSIN, Southwest

TAYLOR (WI-Z017), CLARK (WI-Z029), BUFFALO (WI-Z032), TREMPLEALEU (WI-Z033), JACKSON (WI-Z034), LA CROSSE (WI-Z041), MONROE (WI-Z042), JUNEAU (WI-Z043), ADAMS (WI-Z044), VERNON (WI-Z053), CRAWFORD (WI-Z054)

03/01/07 00:00 CST	0	Winter Storm
03/02/07 18:00 CST	0	

The second in a series of powerful winter storms that hit southwest Wisconsin in late February continued through March 1 and 2. This storm produced total snow accumulations of 6 to 11 inches. Specific reports included 11.0 inches at Mondovi (Buffalo County), 9.0 inches near Independence (Trempealeau County) and 8.3 inches near Owen (Clark County). This snowfall combined with the previous storm produced snow depths of up to two and a half feet. For the week ending March 2, La Crosse (La Crosse County) set an all-time record for the snowiest week, with a total of 27.4 inches. In addition to the heavy snow, ice accumulations of 1/8 inch to 1/4 inch affected parts of Trempealeau, Clark, Monroe and Adams counties.

BUFFALO COUNTY

DODGE	03/13/07 15:00 CST	0	Flood (due to Heavy Rain / Snow Melt)
	03/17/07 18:00 CST	0	44.13N, 91.55W

Moderate flooding occurred along the Trempealeau River due to rapid snow melt. A crest of 11.62 feet was recorded at Dodge (Buffalo County), which was a little over two and half feet above flood stage. Low lying pasture land was mainly affected by the flooding.

MONROE COUNTY

1.6 WSW ANGELO	03/21/07 15:55 CST	0	Hail (1.00 in)
	03/21/07 15:55 CST	0	43.96N, 90.81W

MONROE COUNTY

1.7 SW ANGELO	03/21/07 15:55 CST	0	Hail (1.00 in)
	03/21/07 15:55 CST	0	43.95N, 90.8W

MONROE COUNTY

FORT MC COY	03/21/07 16:05 CST	0	Hail (0.88 in)
	03/21/07 16:05 CST	0	44.02N, 90.68W

RICHLAND COUNTY

GILLINGHAM	03/21/07 22:59 CST	0	Hail (1.00 in)
	03/21/07 22:59 CST	0	43.43N, 90.45W

Storm spotters and law enforcement officials reported nickel to quarter size hail.

JACKSON COUNTY

0.7 S SHAMROCK	03/25/07 16:05 CST	0	Hail (0.75 in)
	03/25/07 16:05 CST	0	44.17N, 90.8W

MONROE COUNTY

4.2 N CATARACT	03/25/07 16:05 CST	0	Hail (0.75 in)
	03/25/07 16:05 CST	0	44.14N, 90.83W

MONROE COUNTY

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2.1 WSW CASHTON	03/25/07 16:10 CST		0	Hail (0.75 in)
	03/25/07 16:10 CST		0	43.74N, 90.82W

MONROE COUNTY

0.5 W MELVINA	03/25/07 16:16 CST		0	Hail (0.75 in)
	03/25/07 16:16 CST		0	43.8N, 90.78W

Storm spotters and the public reported hail up to the size of pennies near Melvina and Cataract (Monroe County), as well as Shamrock (Jackson County).

MONROE COUNTY

SPARTA	03/28/07 10:40 CST		5K	Lightning
	03/28/07 10:40 CST		0	43.93N, 90.82W

Lightning struck the roof of the Museum Complex Building in Sparta, which damaged some electrical equipment inside.

MONROE COUNTY

SPARTA	03/28/07 17:30 CST		15K	Lightning
	03/28/07 17:30 CST		0	43.93N, 90.82W

Lightning struck for the second time in Sparta, this time hitting the Land Conservation Building. Extensive damage occurred to the phone system, computers, printers and copiers.

Lightning struck two separate buildings on the same day in Sparta, one of which incurred extensive damage to electrical equipment inside.

GRANT COUNTY

2.1 ENE POTOSI	03/31/07 17:18 CST		8K	Tornado (EF0, L: 0.25 mi , W: 50 yd)
	03/31/07 17:19 CST		0	42.6919N, 90.6809W

A weak tornado briefly touched down in Potosi, toppling a few trees and causing minor damage to some buildings.

GRANT COUNTY

0.9 SW PLATTEVILLE	03/31/07 17:41 CST		0	Funnel Cloud
	03/31/07 17:41 CST		0	42.72N, 90.49W

GRANT COUNTY

PRESTON	03/31/07 17:47 CST		0	Funnel Cloud
	03/31/07 17:47 CST		0	42.97N, 90.55W

GRANT COUNTY

PRESTON	03/31/07 17:50 CST		0	Funnel Cloud
	03/31/07 17:50 CST		0	42.97N, 90.55W

CRAWFORD COUNTY

2.1 WSW EASTMAN	03/31/07 18:10 CST		0	Hail (0.88 in)
	03/31/07 18:10 CST		0	43.16N, 91.06W

RICHLAND COUNTY

0.7 N RICHLAND CENTER	03/31/07 18:14 CST		0	Funnel Cloud
	03/31/07 18:14 CST		0	43.34N, 90.38W

Storm spotters reported the first tornado of 2007 in southwest Wisconsin, along with numerous funnel clouds and nickel size hail.